

AMENDMENTS TO THE ABSTRACT

Please amend the paragraph beginning at page 35, line 4, as follows:

A receiver 402 connected to a plurality of reception antennas 421 and 422 includes a propagation path correlation estimation circuit 408. The propagation path correlation estimation circuit calculates a correlation value of each propagation path between each of the transmission antennas 411 and 412 and each of the reception antennas and transmits the calculation result as propagation path correlation information (S_{COR}). A transmitter 401 connected to a plurality of transmission antennas includes a spread code assigning circuit 406. According to the propagation path correlation information, the spread code assigning circuit assigns only spread codes orthogonal to each other for the transmission antenna corresponding to a correlation value exceeding a threshold value and, for a transmission antenna having no propagation path of a correlation value exceeding the threshold value, assigns a spread code without considering orthogonality to a spread code in the other transmission antenna.